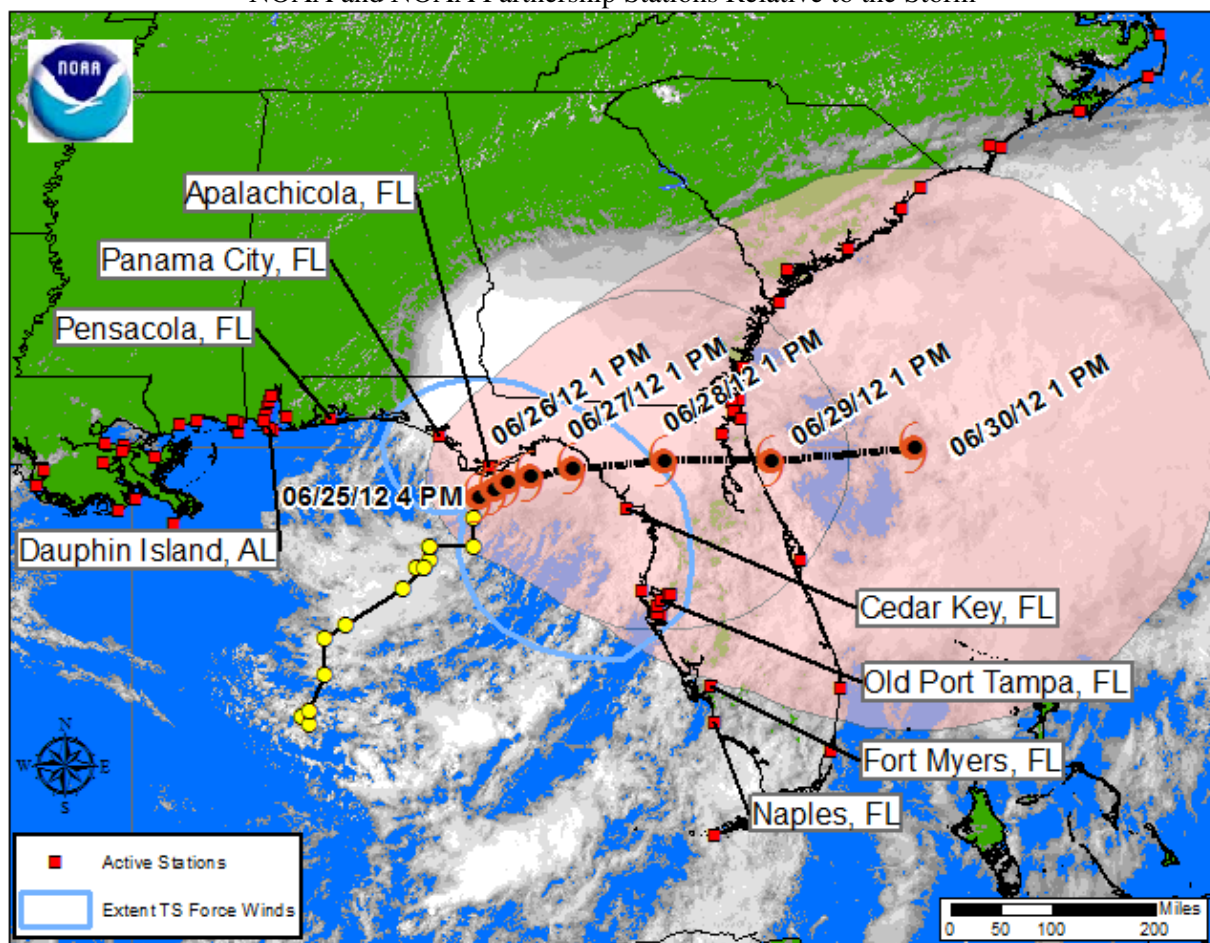


Tropical Storm DEBBY QuickLook
Posted: 17:00 CDT 06/25/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/25/2012 17:00 CDT, water levels along the Gulf Coast from western Florida to Alabama remain elevated. Water levels from Apalachicola, FL eastward to Naples, FL range from 1.9 to 3.1 feet above tidal predictions. Water levels from Panama City, FL westward to Dauphin Island, AL range from 1.2 to 1.6 feet above tidal predictions.

Winds are from 5-15 knots in the area of Naples and Ft. Myers. Winds are increased from Old Port Tampa, FL to Alabama ranging between 20 and 35 knots with some gusts up to 40 knots reported in Old Port Tampa, FL and Apalachicola, FL.

Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Tropical Storm DEBBY QuickLook, POSTED 17:00 CDT 06/25/2012

Naples, FL: Next predicted high tides are 2.6 ft (0.81 m) at 06/26/2012 06:08 EDT and 2.2 ft (0.69 m) at 06/26/2012 18:11 EDT.

Fort Myers, FL: Next predicted high tides are 1.3 ft (0.39 m) at 06/25/2012 20:30 EDT and 1.2 ft (0.37 m) at 06/26/2012 09:50 EDT.

Old Port Tampa, FL: Next predicted high tides are 2.2 ft (0.66 m) at 06/25/2012 19:07 EDT and 2.1 ft (0.66 m) at 06/26/2012 08:30 EDT.

Cedar Key, FL: Next predicted high tides are 3.5 ft (1.07 m) at 06/25/2012 18:21 EDT and 3.7 ft (1.15 m) at 06/26/2012 07:15 EDT.

Apalachicola, FL: Next predicted high tides are 1.2 ft (0.38 m) at 06/25/2012 20:26 EDT and 1.6 ft (0.49 m) at 06/26/2012 09:34 EDT.

Panama City, FL: Next predicted high tides are 0.9 ft (0.28 m) at 06/26/2012 06:22 CDT and 1.1 ft (0.34 m) at 06/27/2012 05:58 CDT.

Pensacola, FL: Next predicted high tides are 0.9 ft (0.26 m) at 06/26/2012 07:35 CDT and 1.1 ft (0.32 m) at 06/27/2012 06:58 CDT.

Dauphin Island, AL: Next predicted high tides are 0.8 ft (0.23 m) at 06/26/2012 08:13 CDT and 0.9 ft (0.29 m) at 06/27/2012 06:55 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DEBBY ADVISORY NUMBER 10
400 PM CDT MON JUN 25 2012

...FLOOD THREAT TO CONTINUE FOR THE NEXT DAY OR TWO...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* THE FLORIDA GULF COAST FROM DESTIN TO ENGLEWOOD

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

DEBBY IS A LARGE TROPICAL CYCLONE...WITH STRONG WINDS AND HEAVY RAINS OCCURRING AT LARGE DISTANCES FROM THE CENTER.

AT 400 PM CDT...THE CENTER OF TROPICAL STORM DEBBY WAS LOCATED NEAR LATITUDE 29.3 NORTH...LONGITUDE 85.1 WEST. DEBBY IS MOVING TOWARD THE NORTHEAST NEAR 5 MPH. A SLOW MOTION TOWARD THE NORTHEAST OR EAST-NORTHEAST IS EXPECTED DURING THE NEXT COUPLE OF DAYS.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 45 MPH...WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 230 MILES MAINLY TO THE SOUTHEAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 993 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS WILL CONTINUE OVER PORTIONS OF THE FLORIDA GULF COAST TONIGHT AND TUESDAY.

STORM SURGE...ALTHOUGH DEBBY HAS WEAKENED SOME TODAY...COASTAL FLOODING IS NOT YET DIMINISHING. THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND AT THE TIME OF THE NEXT HIGH TIDE THIS EVENING...

APALACHEE BAY TO WACCASASSA BAY...3 TO 5 FT
FLORIDA WEST COAST SOUTH OF WACCASASSA BAY...1 TO 3 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST IN AREAS OF ONSHORE FLOW. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...DEBBY IS EXPECTED TO PRODUCE THE FOLLOWING ADDITIONAL RAIN ACCUMULATIONS OVER THE NEXT COUPLE OF DAYS...6 TO 12 INCHES ACROSS NORTHERN FLORIDA...4 TO 8 INCHES ACROSS CENTRAL FLORIDA AND EXTREME SOUTHEASTERN GEORGIA...AND 3 TO 5 INCHES IN SOUTH FLORIDA AND EXTREME SOUTHEASTERN SOUTH CAROLINA. ISOLATED STORM TOTAL AMOUNTS OF 25 INCHES ARE POSSIBLE IN NORTH FLORIDA.

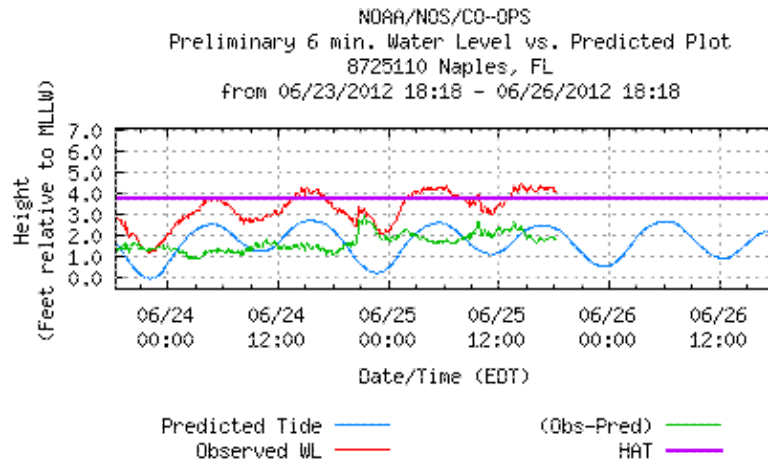
TORNADOES...A FEW TORNADOES ARE POSSIBLE TODAY ACROSS THE EASTERN FLORIDA PANHANDLE...THE FLORIDA PENINSULA...AND SOUTHERN GEORGIA.

FORECASTER KIMBERLAIN/FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#),

Naples, FL - Return to List

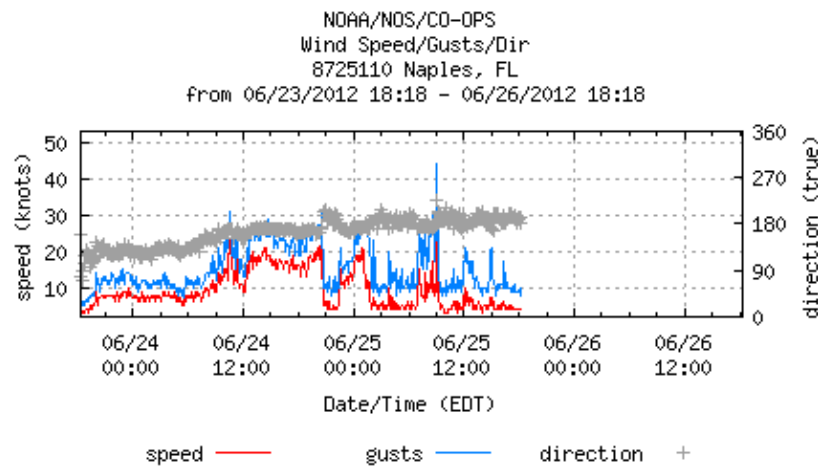


Last Observed Sample: 06/25/2012 18:12 (EDT)

Relative to MLLW: **Observed: 4.09 ft.** **Predicted: 2.29 ft.** **Residual: 1.80 ft.**

Historical Maximum Water Level: Dec 21 1972, 3.11 ft. above MHHW

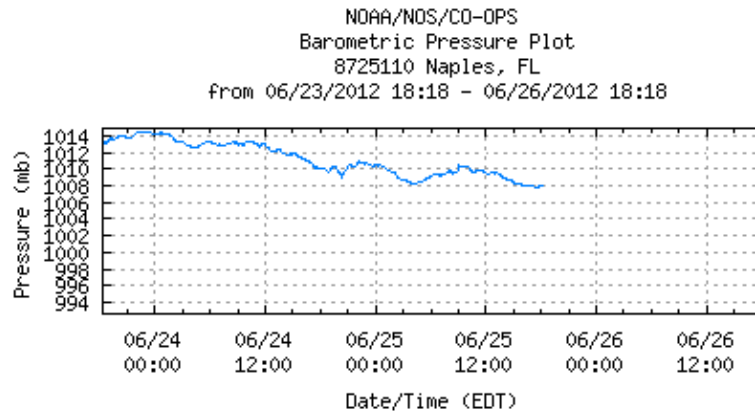
Naples, FL - Return to List



Last Observed Sample: 06/25/2012 18:12 (EDT)

Wind Speed: 4 knots **Gusts: 8 knots** **Direction: 181° T**

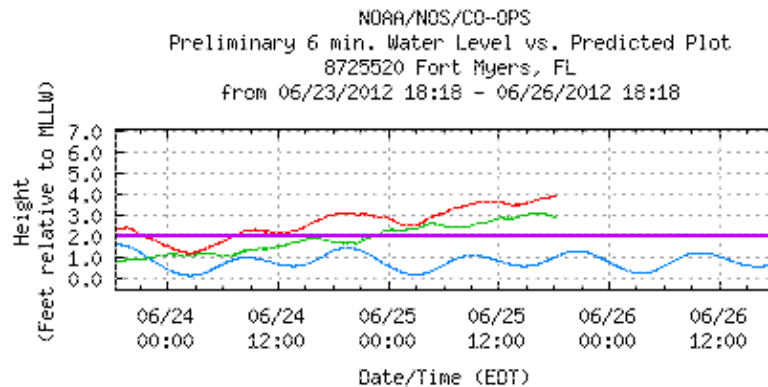
Naples, FL - Return to List



Last Observed Sample: 06/25/2012 18:12 (EDT)

Barometric Pressure: 1007.9 mb

Fort Myers, FL - Return to List

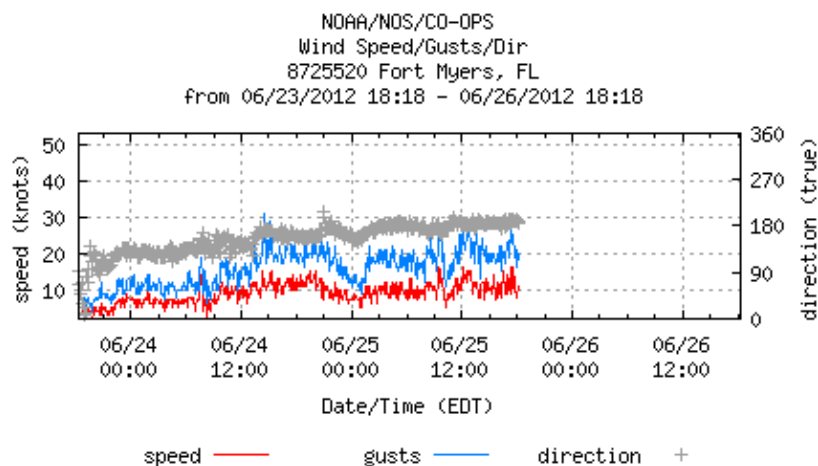


Last Observed Sample: 06/25/2012 18:12 (EDT)

Relative to MLLW: **Observed: 3.88 ft.** **Predicted: 1.00 ft.** **Residual: 2.88 ft.**

Historical Maximum Water Level: Nov 23 1988, 3.41 ft. above MHHW

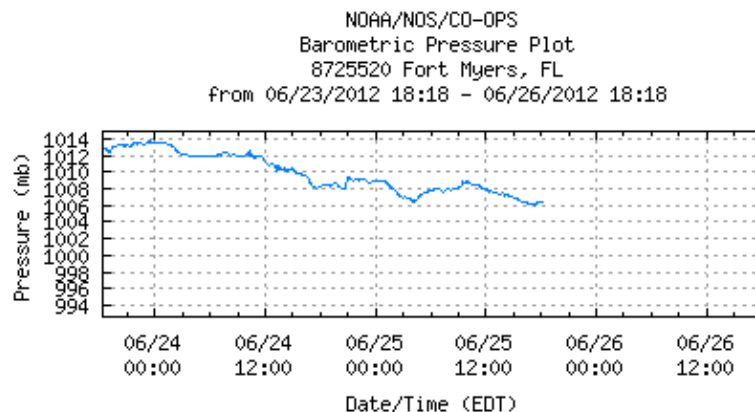
Fort Myers, FL - Return to List



Last Observed Sample: 06/25/2012 18:12 (EDT)

Wind Speed: 11 knots Gusts: 20 knots Direction: 191° T

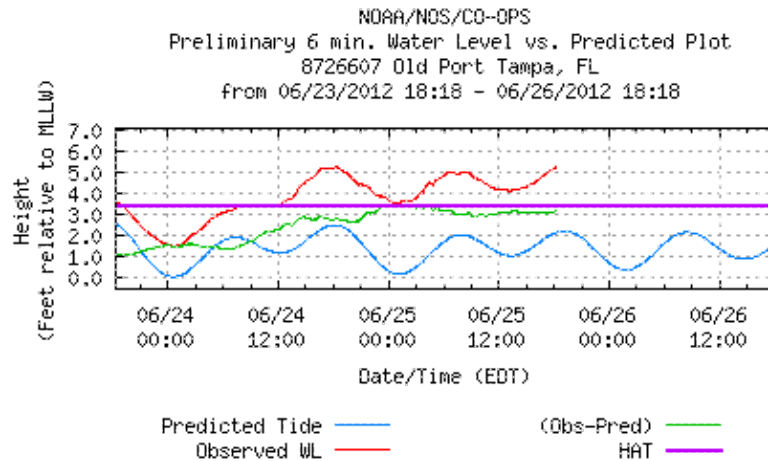
Fort Myers, FL - Return to List



Last Observed Sample: 06/25/2012 18:12 (EDT)

Barometric Pressure: 1006.4 mb

Old Port Tampa, FL - Return to List

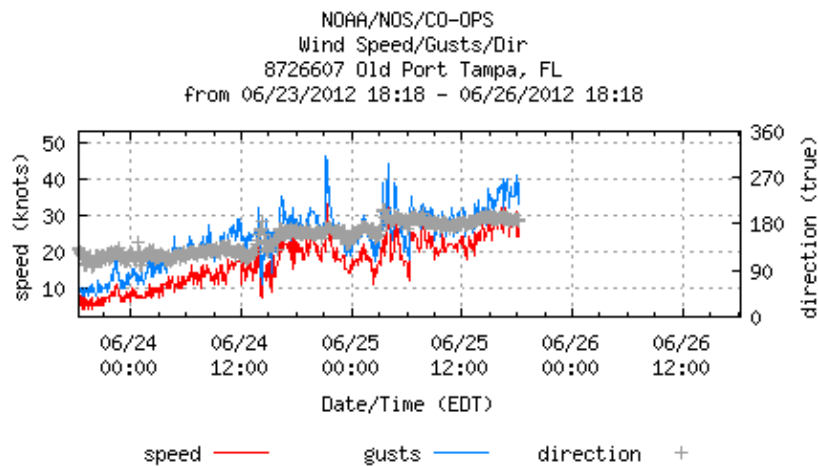


Last Observed Sample: 06/25/2012 18:12 (EDT)

Relative to MLLW: **Observed: 5.25 ft.** **Predicted: 2.10 ft.** **Residual: 3.15 ft.**

Historical Maximum Water Level: Oct 8 1996, 3.6 ft. above MHHW

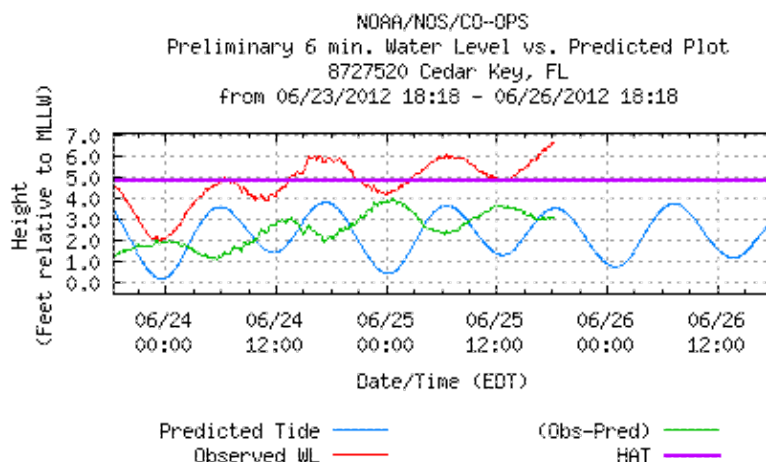
Old Port Tampa, FL - Return to List



Last Observed Sample: 06/25/2012 18:12 (EDT)

Wind Speed: 28 knots **Gusts: 39 knots** **Direction: 190° T**

Cedar Key, FL - Return to List

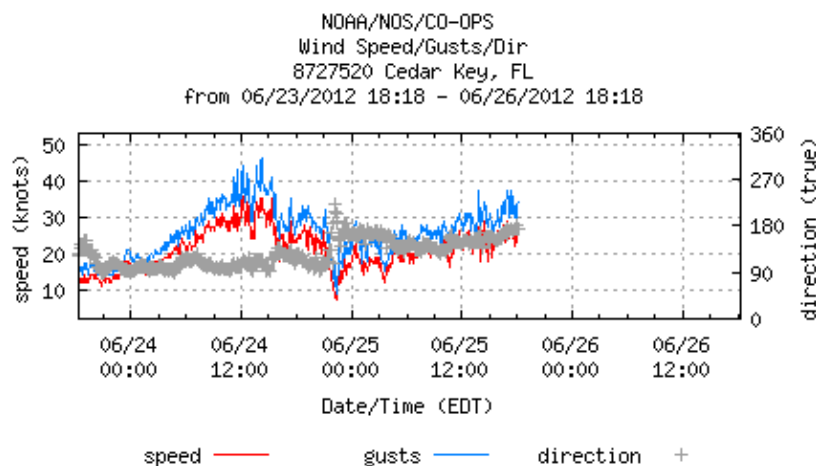


Last Observed Sample: 06/25/2012 18:06 (EDT)

Relative to MLLW: **Observed: 6.58 ft.** **Predicted: 3.49 ft.** **Residual: 3.09 ft.**

Historical Maximum Water Level: Oct 7 1996, 5.15 ft. above MHHW

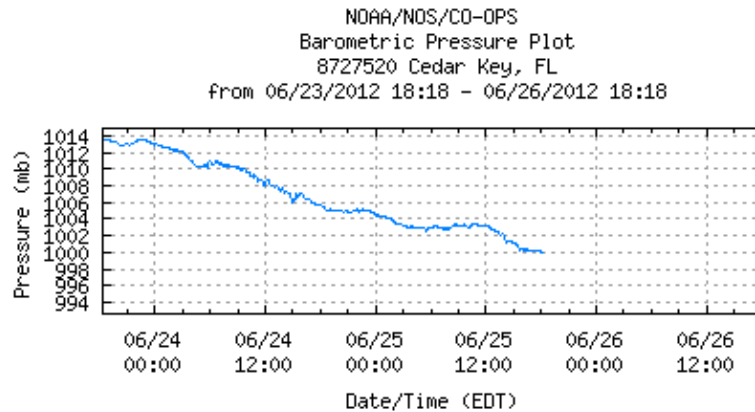
Cedar Key, FL - Return to List



Last Observed Sample: 06/25/2012 18:06 (EDT)

Wind Speed: 28 knots **Gusts: 34 knots** **Direction: 176° T**

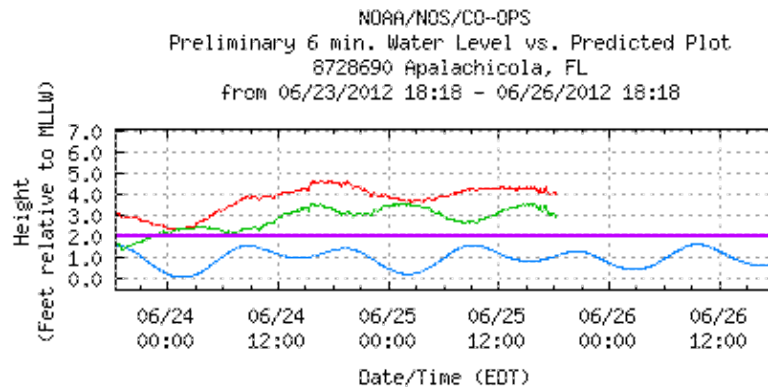
Cedar Key, FL - Return to List



Last Observed Sample: 06/25/2012 18:06 (EDT)

Barometric Pressure: 1000.0 mb

Apalachicola, FL - Return to List

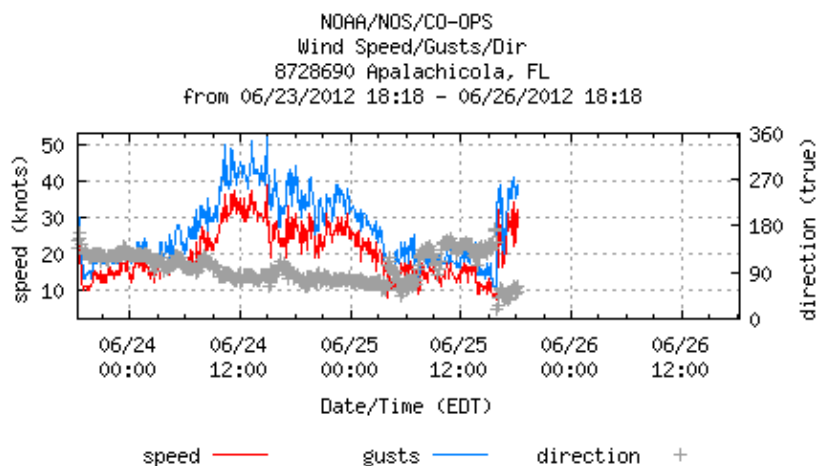


Last Observed Sample: 06/25/2012 18:12 (EDT)

Relative to MLLW: **Observed: 3.95 ft.** **Predicted: 1.04 ft.** **Residual: 2.91 ft.**

Historical Maximum Water Level: Jul 10 2005, 6.43 ft. above MHHW

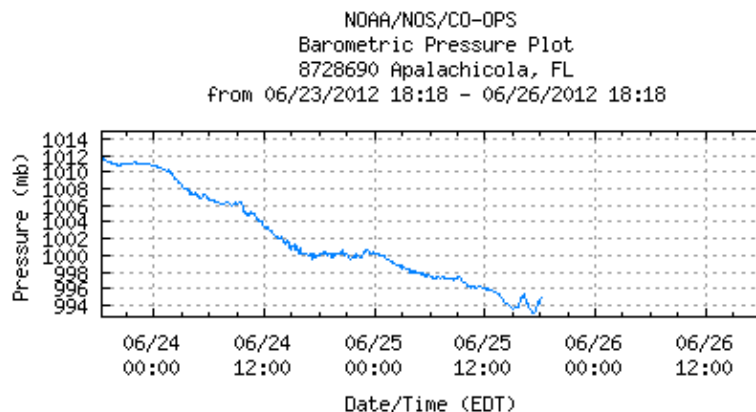
[Apalachicola, FL](#) - [Return to List](#)



Last Observed Sample: 06/25/2012 18:12 (EDT)

Wind Speed: 27 knots Gusts: 36 knots Direction: 62° T

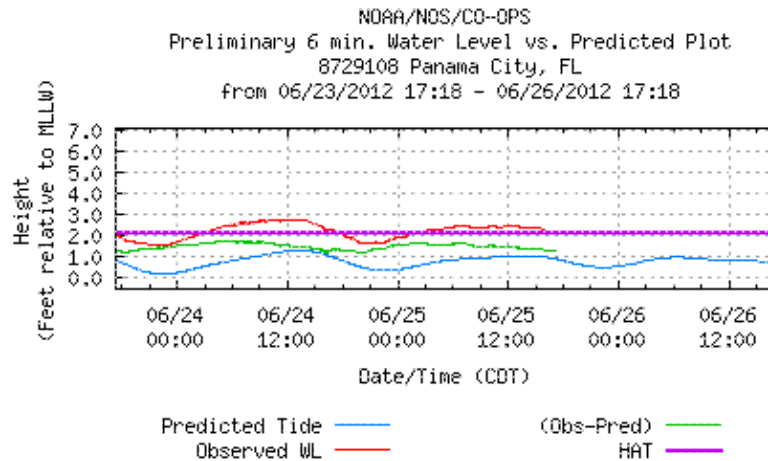
[Apalachicola, FL](#) - [Return to List](#)



Last Observed Sample: 06/25/2012 18:12 (EDT)

Barometric Pressure: 995.0 mb

Panama City, FL - Return to List

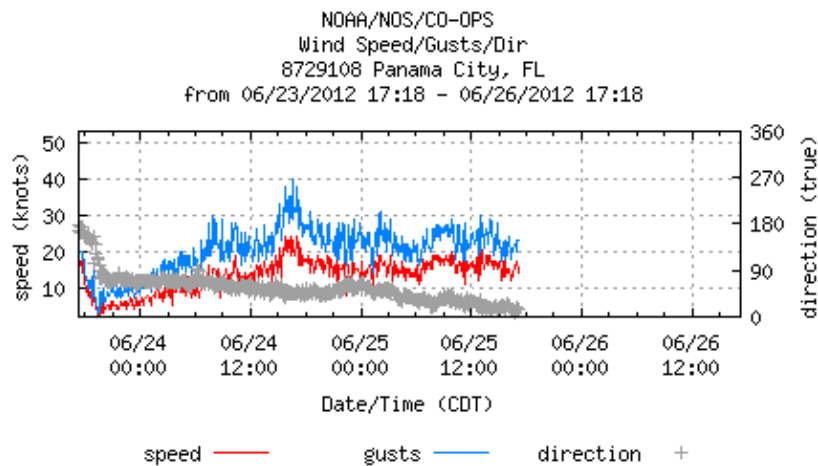


Last Observed Sample: 06/25/2012 17:06 (CDT)

Relative to MLLW: **Observed: 2.09 ft.** **Predicted: 0.86 ft.** **Residual: 1.23 ft.**

Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above MHHW

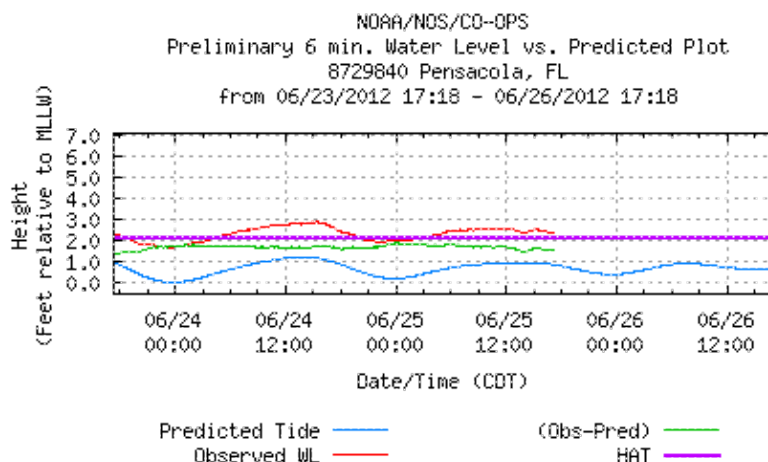
Panama City, FL - Return to List



Last Observed Sample: 06/25/2012 17:06 (CDT)

Wind Speed: 14 knots **Gusts: 23 knots** **Direction: 15° T**

Pensacola, FL - Return to List

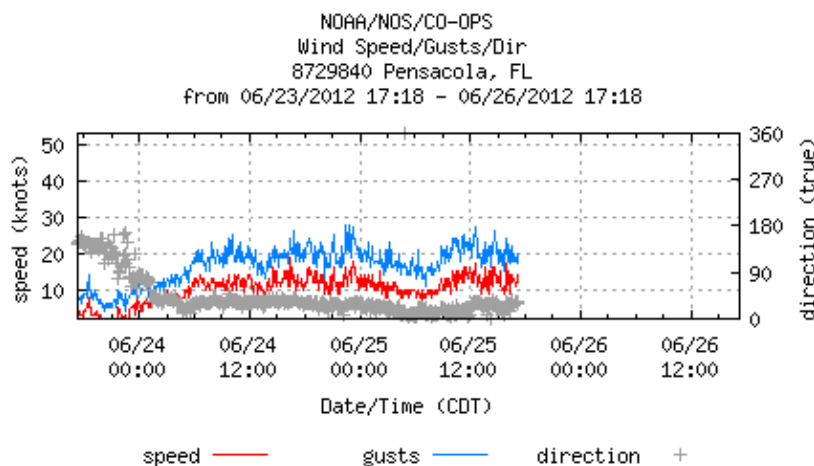


Last Observed Sample: 06/25/2012 17:12 (CDT)

Relative to MLLW: **Observed: 2.34 ft.** **Predicted: 0.81 ft.** **Residual: 1.53 ft.**

Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above MHHW

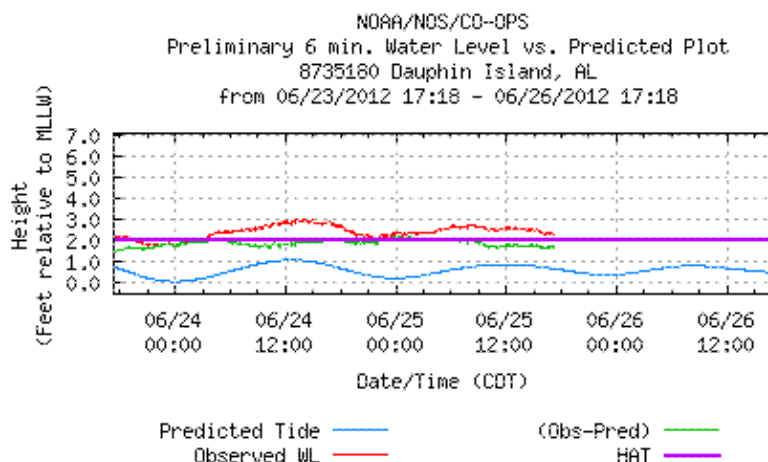
Pensacola, FL - Return to List



Last Observed Sample: 06/25/2012 17:12 (CDT)

Wind Speed: 14 knots **Gusts: 20 knots** **Direction: 28° T**

Dauphin Island, AL - Return to List

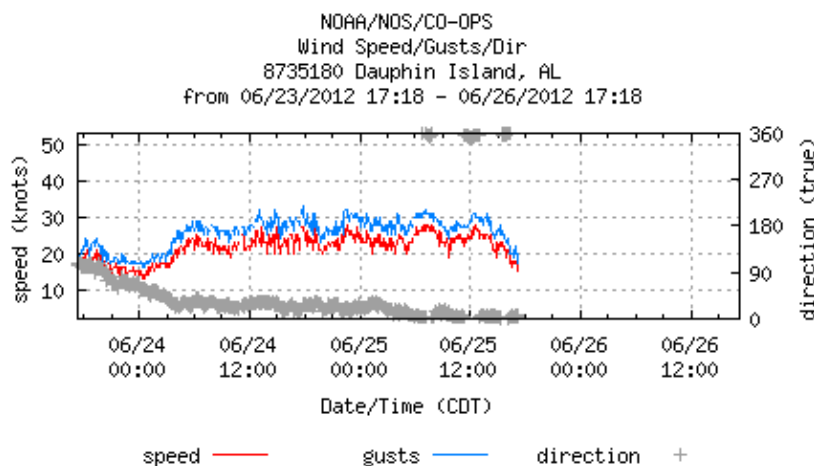


Last Observed Sample: 06/25/2012 17:12 (CDT)

Relative to MLLW: **Observed: 2.28 ft.** **Predicted: 0.62 ft.** **Residual: 1.66 ft.**

Historical Maximum Water Level: Sep 16 2004, 5.94 ft. above MHHW

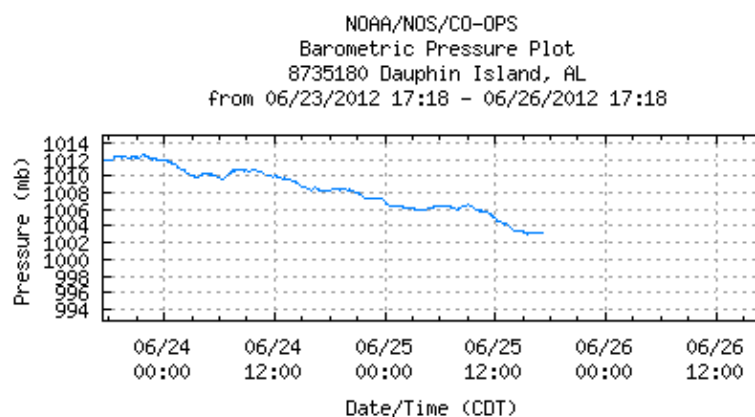
Dauphin Island, AL - Return to List



Last Observed Sample: 06/25/2012 17:12 (CDT)

Wind Speed: 15 knots **Gusts: 17 knots** **Direction: 5° T**

[Dauphin Island, AL - Return to List](#)



barometric pressure —

Last Observed Sample: 06/25/2012 17:12 (CDT)

[Barometric Pressure: 1003.2 mb](#)

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce